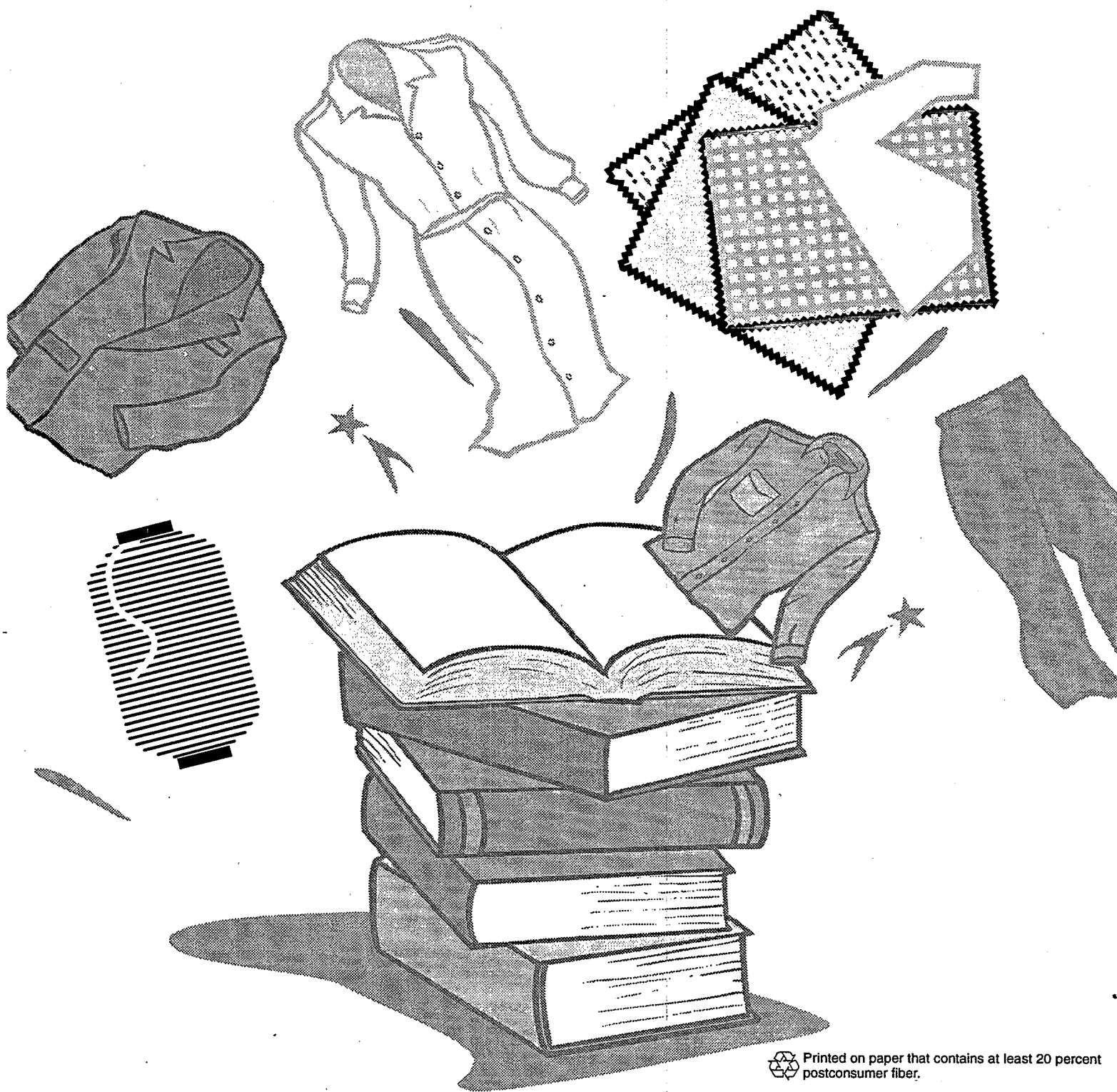




Resource Guide for Garment and Textile Care Professionals





About This Booklet

This booklet is part of a series of U.S. Environmental Protection Agency (EPA) publications on garment and textile care industry issues, alternative technologies, and research initiatives. Covering a wide range of topics and organizations, the printed and electronic information resources listed in this booklet will help garment and textile care professionals and others learn more about issues currently facing the industry.

By staying on top of developments within the industry, garment and textile care professionals can

improve their operations and bottom line, while contributing to a healthy environment and safer workplace. As consumers increasingly choose "green" products and services, garment and textile care professionals who consider the health and environmental impacts of their business decisions are more likely to meet the challenges of today's competitive marketplace.

Although this booklet is not a complete list of resources and organizations, it does offer a starting point for exploring issues regarding the professional garment and textile care industry.

EPA's Design for the Environment (DfE) Program

The Design for the Environment (DfE) Program harnesses EPA's expertise and leadership to facilitate information exchange and research on risk reduction and pollution prevention efforts. Working with businesses and industries on a voluntary basis, DfE strives to:

- Assist businesses in incorporating environmental concerns into decision-making processes.
- Work with specific industries to evaluate the risks, performance, and costs of alternative chemicals, processes, and technologies.
- Help individual businesses undertake environmental design efforts through the application of specific tools and methods.

DfE partners include representatives from industry, professional institutions and associations, academia, environmental groups, labor groups, public interest groups, and other government agencies.

The DfE Garment and Textile Care Program is a voluntary collaboration between the garment and textile care industry, environmental groups, and U.S. EPA, dedicated to reducing risks and preventing pollution associated with dry cleaning chemicals. Specifically, the program has focused on the risks, costs, and performance of traditional dry cleaning operations in an effort to help garment and textile care professionals incorporate environmental concerns into both their day-to-day and long-term business decisions. Toward this end, EPA is also evaluating alternative technologies such as machine wet cleaning, liquid CO₂, and ultrasonics.

For more information on the DfE Garment and Textile Care Program, please call the Program Helpline at 888 249-8883, or 703 841-4819 in the Washington, DC metropolitan area.

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EPA Publications

The following publications focusing on the garment care industry can be obtained, at no charge, from EPA's Pollution Prevention Information Clearinghouse at:

Pollution Prevention
Information Clearinghouse
U.S. Environmental Protection Agency
401 M Street, SW. (7409)
Washington, DC 20460
Phone: 202 260-1023
Fax: 202 260-4659

Design for the Environment: Garment and Textile Care Program Fact Sheet

EPA744-F-93-004, (August '97)
2 pages

This fact sheet provides an up-to-date description of EPA's DfE Garment and Textile Care Program and research efforts. Also available in Korean.

Common Questions About Dry Cleaning

EPA744-K-96-003, (December '97)
16 pages

This booklet addresses some of the potential health and environmental concerns with perc, and attempts to answer questions that consumers may have about dry cleaning. The booklet also provides information on alternative garment care technologies such as wet cleaning (available late 1997).

Wet Cleaning

EPA744-K-96-002, (May '97)
16 Pages

This booklet offers a summary of the alternative technology known as machine wet cleaning, and lists garment care facilities nationwide that offer this service. Also available in Korean.

Training Curriculum for Alternative Clothes Cleaning

EPA744-R-97-004a (Vol. I: Curriculum)
115 pages

EPA744-R-97-004b (Vol. II: Instructor's Manual and
Presentation Materials)
192 pages

This training course teaches garment care professionals and staff about wet cleaning. Developed by the University of Massachusetts Toxics Use Reduction Institute, this course explains how wet cleaning works and how to operate a wet cleaning facility. The course also explains how to convert a dry cleaning facility to a wet cleaning facility.

Proceedings: Apparel Care and the Environment—Alternative Technologies and Labeling

EPA744-R-96-002
219 pages

This proceedings document is a record of a conference held in September 1996, between key stakeholders to learn about and discuss developments in alternative technologies and care labeling. These proceedings include transcribed presentations, copies of visual aids presented during the conference, and a summary of discussion sessions.

Plain English Guide for Perc Dry Cleaners: A Step-by-Step Approach to Understanding Federal Environmental Regulations

English: EPA305-B-96-002, Korean: EPA305-B-97-001
64 pages

This document summarizes the national environmental regulations that apply to garment care professionals who use perc, and provides a step-by-step approach to compliance.

Multimedia Inspection Guidance for Dry Cleaning Facilities

EPA305-F-96-001
100 pages

This inspection manual was developed to assist field personnel in state, local, and EPA regional offices in conducting multimedia inspections of garment care facilities that use perc.

Dry Cleaning Sector Compliance Strategy

EPA305-F-96-003
80 pages

This document outlines EPA's strategy to provide compliance assistance to the perc garment care industry. It provides a background of the industry and describes primary compliance issues. This document is meant to help federal, state, and local regulators understand the specific compliance needs and challenges of the garment care industry.

Profile of the Dry Cleaning Industry

EPA310-R-95-001
84 pages

This document provides information on all aspects of the garment care industry, including general industry information, industrial processes used, pollution prevention techniques, pollutant release data, regulatory requirements, and examples of current EPA initiatives geared toward the garment care industry. This document can also be found on the Web at (<http://es.inel.gov/comply/sector/index.html>).

Chemicals in the Environment: Perchloroethylene

EPA749-F-94-020
2 pages

This brochure explains what perc is, how it is used, and what happens once it enters the environment.

Summary of a Report on Multiprocess Wet Cleaning

EPA744-S-94-001
10 pages

This booklet summarizes the results of the initial research comparing multiprocess wet cleaning and dry cleaning presented in the *Report on Multiprocess Wet Cleaning* (EPA744-R-93-004). Also available in Korean.

Multiprocess Wet Cleaning: Cost and Performance Comparison of Conventional Dry Cleaning and an Alternative Process

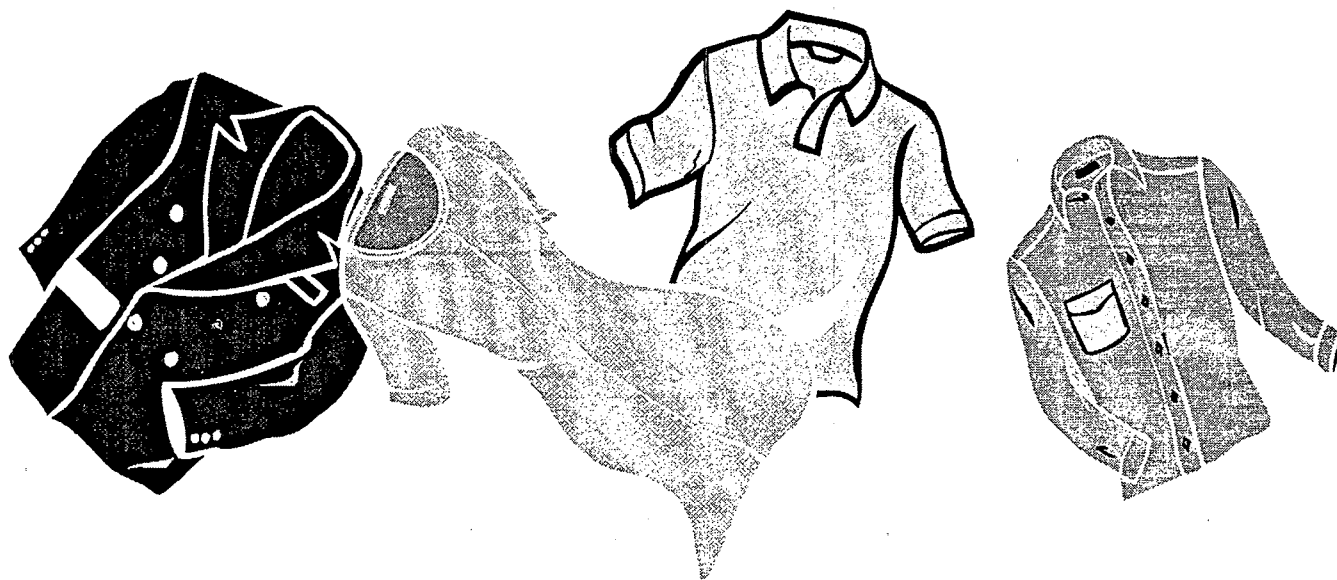
EPA744-R-93-004
186 pages

This technical report explains the results of research done in 1993 on the performance and cost of multiprocess wet cleaning vs. dry cleaning. This research was one of the first studies done on alternative cleaning methods.

International Roundtable on Pollution Prevention and Control in the Drycleaning Industry

EPA774-R-92-002
302 pages

This proceedings document is a record of a conference held May 27-28, 1992, in Falls Church, Virginia, to identify options for reducing exposures to perc in the garment care industry.



EPA Internet Resources

The Internet is a convenient tool for researching nearly any topic, including garment care. Because homepages are constantly revised, up-to-the-minute information can be accessed soon after it is posted. Garment care professionals who wish to stay informed about developments within their industry may want to consider learning more about the options available on the Internet.

Searching the Internet for information is simple. Topics can be accessed using "keywords." Someone interested in learning more about wet cleaning technologies, for example, can key in *wet cleaning*, and your "browser" software will search the Internet for any site that contains these words. The user then has the option to visit the sites found in the search by selecting the name of the site.

Design for the Environment Garment and Textile Care Homepage

The DfE Garment and Textile Care Homepage is located at (<http://www.epa.gov/opptintr/dfe/garment/garment.html>). The garment care page contains online versions of most of the EPA publications listed on pages 3 and 4 of this guide, as well as information on upcoming events, project partners, and links to other related sites. EPA's DfE Program helps businesses incorporate environmental considerations into the design and redesign of products, processes, and technical and management systems.

Office of Enforcement and Compliance Assurance (OECA)/Office of Research and Development (ORD) Network

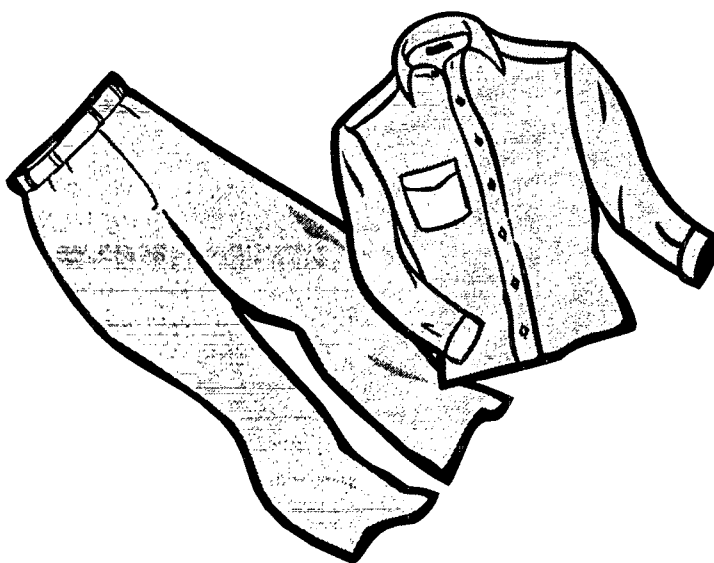
This network, also known as Enviro\$en\$e, is an interagency-supported system operated by OECA and ORD. The network allows regulators, the regulated community, technical experts, and the general public to share information regarding pollution prevention and innovative technology; environmental enforcement and compliance assistance; laws, Executive orders, regulations, and policies; points of contact for services and equipment; and other related

topics. The network houses industrial sector notebooks on 18 major industries, including garment care at (<http://es.inel.gov/comply/sector/index.html>). The garment care sector notebook includes:

- A comprehensive environmental profile of the industry.
- Industrial process information.
- Pollution prevention techniques.
- Pollutant release data.
- Regulatory requirements.
- A compliance and enforcement history of the industry.
- Innovative programs.
- Contact names for further information.

Additional information on garment care can be found by contacting the OECA/ORD technical information page at (<http://es.inel.gov/techinfo/techinfo.html>), including:

- *Fact Sheet: Dry Cleaning and Waste Reduction Page* provides tips on better garment care work practices.
<http://es.inel.gov/techinfo/facts/driclean.html>
- *Dry Cleaning Industry Page* outlines steps that garment care professionals can take to ensure proper perc separation in water separators.
<http://es.inel.gov/techinfo/facts/checklist.html>
- *Filter Drying Units Studied for Use at Dry Cleaners Page* describes a study measuring the efficiency of carbon adsorption technology.
<http://es.inel.gov/studies/cs45.html>



Other Government Resources

- EPA, in partnership with the garment care industry and others, is examining alternatives to traditional garment care and providing support to garment care professionals who want to reduce their exposure to perc.

401 M Street, SW.
Washington, DC 20460

Cindy Stroup, DfE Program
202 260-3889

George Smith, Emissions Standards Division
919 541-1549

Joyce Chandler, Office of Enforcement and Compliance Assurance
202 564-7073

Toll-Free Helpline
888 249-8883

Helpline E-mail Address: dfc_gtcp@cais.net

EPA has established a toll-free helpline for garment and textile care professionals to call with questions about compliance, alternative technologies, and other technical issues.

- **National Institute of Occupational Safety and Health (NIOSH)** is charged with researching health and safety aspects of industry and generating information from its findings. In its work with the garment care industry, NIOSH is conducting studies on the machines currently used, potential retrofits, associated work practices, and the effects of perc exposure.

4676 Columbia Parkway
Cincinnati, OH 45226-1998
Gary S. Earnest
513 841-4370 or 800 35-NIOSH (64674)

- **Occupational Safety and Health Administration (OSHA)** is evaluating the industries affected by the reduction of perc permissible exposure limits, one of which is the garment and textile care industry. OSHA's research efforts focus on reducing worker exposure to perc, assessing technologies in terms of exposure levels, and investigating viable substitutes.

200 Constitution Avenue, NW., Room 3718
Washington, DC 20210

Lyn Penniman, Office of Health Standards
202 219-7111, Ext. 135

Paul Bolon, Office of Regulatory Analysis
202 219-7283

- **Environment Canada**, the Canadian equivalent of EPA, has general information about such issues as Canadian environmental assessments, national water research, pollution data, and climate information. It also has published a workbook for garment care professionals called *The Green Team*, which outlines better work practices and pollution prevention ideas that garment care professionals can implement to reduce workers' exposure to perc.

25 Saint Claire Street, East
Toronto, ON M4T 1M2
Canada

Brad Cumming
416 739-5883
416 739-4251 fax
<http://www.ns.doe.ca>

- **Federal Trade Commission (FTC)** is responsible for enforcing the Care Labeling Rule, which informs consumers about proper cleaning methods for garments they buy, and helps consumers and garment care professionals clean products without damaging them. FTC is also considering modification of the Care Labeling Rule to permit the use of garment labels that allow for professional wet cleaning when appropriate. The latest developments on the amendment of the Care Labeling Rule are posted on the FTC's homepage at <http://www.ftc.gov>.

Federal Trade Commission
601 Pennsylvania Ave., NW., Room 4302 (S)
Washington, DC 20580
Stephen Ecklund, Bureau of Consumer
Protection
202 326-2841
202 326-2558 fax
<http://www.ftc.gov>

- **U.S. Small Business Administration's Small Business Development Center (SBDC)**
Program provides management assistance to current and prospective small business owners. SBDCs offer one-stop assistance to small businesses by providing a wide variety of information and guidance in central and easily accessible branch locations. For a complete list of SBDCs nationwide, call 202 205-6766. The following SBDC contacts specialize in environmental assistance.

Dept. of Commerce and Community Affairs
620 East Adams
Springfield, IL 62701
Mark Enstrom
217 524-5856

University of Kentucky
Business and Economics Building, Room 235
Lexington, KY 40506
Greg Copley
606 257-7668

University of Nebraska at Omaha
1313 Farnam Street, Suite 132
Omaha, NE 68182
Rick Yoder
402 472-1183

University of Nevada in Reno
College of Business Administration/032
Reno, NV 89557-0100
Kevin Dick
702 784-1717

University of Pennsylvania
3733 Spruce Street
Philadelphia, PA 19104
Christopher Lynch
215 898-1219

Dallas County Community College
1402 Corinth Street, Suite 1520
Dallas, TX 75215
Ron Gordon
214 860-5822

Vermont Technical College
P.O. Box 422
Randolph, VT 05060
Peter Crawford
802 728-9101

Department of Economic Development
901 East Byrd Street, Suite 1900
Richmond, VA 23219-0446
Lawrence Roberts
804 786-8087



Organizational Resources

Many nongovernment organizations can provide helpful service for garment care professionals and others interested in garment care issues. These service organizations range from national trade associations to public interest groups. Listings include contact names, phone and fax numbers, and web site addresses where applicable.

National Trade Associations

■ Canadian Cleaners & Launderers Allied Trade Association

299 Mill Road
Suite 2108
Etobicoke, ON M9C 4V9
Canada
Steve Freeman, President
416 622-7442

■ Canadian Fabricare Association

P.O. Box 24026
Kitchener, ON N2M 5P1
Canada
V.W. (Vic) Vandermolen, Executive Director
519 576-4500
519 576-8869 fax

■ Canadian Laundry & Linen Institute

P.O. Box 2277, Station A
London, ON N6A 4E9
Canada
519 434-6261
519 434-6261 fax

■ Canadian Research Institute of Launderers and Cleaners

135 Ottawa Street, South
Kitchener, ON N2G 3T1
Canada
Bill Renaud, President
416 620-1207

■ Cleaners and Launderers Association Executives

P.O. Box 924135
Houston, TX 77292
Jean Warnke, Secretary
713 468-1245

■ Coin Laundry Association

1315 Butterfield Road, Suite 212
Downers Grove, IL 60515
Doug Ewald, Chairman
630 963-5547
630 963-5864 fax
<http://www.coinlaundry.org>

■ Federation of Korean Drycleaners Association

54 East Avenue
New Canaan, CT 06840
Moon Jong Chung, President
203 966-8192
203 966-3609 fax

■ International Drycleaners Congress

343 Salem Street
Wakefield, MA 01880
William Pulley, Executive Director
800 442-6848
617 224-0166 fax

■ International Fabricare Institute

12251 Tech Road
Silver Spring, MD 20904
William Fisher, Chief Executive Officer
301 622-1900, Ext. 113
301 236-9320 fax
<http://www.ifi.org>

■ Korean Dry Cleaners Business Group

4715 Commerce Lane
Bethesda, MD 20814
Max Oh, President
301 654-1500

■ National Coalition of Petroleum Dry Cleaners

6000 Executive Boulevard
Suite 201
Rockville, MD 20852-3803
Sam Carraway
301 468-2550
301 881-6572 fax

■ Neighborhood Cleaners Association-International

252 West 29th Street
New York, NY 10001
William Seitz, Executive Director
212 967-3002
212 967-2240 fax
<http://home.sprynet.com/sprynet/ncai>

■ **Non Affiliated Drycleaners Alliance**

7950 Henry Avenue
Suite 5A
Philadelphia, PA 19128-3005
Scott R. Alloway
215 482-4036
<http://members.aol.com/nadagroup/Network.html>

■ **Uniform and Textile Service Association**

1300 North 17th Street
Suite 750
Arlington, VA 22209
David Hobson, President
703 247-2600
<http://www.utsa.com>

Regional Associations

■ **California Fabricare Institute**

The Messersmith Group
1730 I Street
Suite 240
Sacramento, CA 95814
Lee Adler, CAE
916 443-9023 or 916 443-0986
916 443-8065 fax
<http://www.californiafabricare.com>

■ **Mid-America Fabricare Association**

3305 Jamison Avenue
St. Louis, MO 63139
Dennis Loomis, Executive Director
314 644-5583
314 644-9513 fax
(Serving Kansas and Missouri)

■ **Mid-Atlantic Cleaners & Launderers Association**

15435 Eagle Tavern Lane
Centreville, VA 22020
Don Coleman, President
703 222-9828
703 222-1258 fax
(Serving Maryland, Virginia, West Virginia, and Washington, DC)

■ **Northeast Fabricare Association**

343 Salem Street
Wakefield, MA 01880
Charles Anton, President
800 442-6848
617 224-0166 fax
(Serving Massachusetts, Rhode Island, New Jersey, New York, Connecticut, Vermont, New Hampshire, and Maine)
<http://shore.net/n683nefa.htm>

■ **Northwest Drycleaners Association**

3425 Vernhardson Street
Gig Harbor, WA 98332
Deborah Rechnitz, Executive Director
800 676-9322
206 851-6327
253 858-2013 fax
(Serving Washington, Alaska, and Idaho)

■ **Rocky Mountain Fabricare Association**

2150 West 29th Avenue
Suite 310
Denver, CO 80211
Gary Leeper, Executive Director
303 433-4446
303 458-0002 fax
(Serving Colorado, Utah, and Wyoming)

■ **South Central Fabricare Association**

812 North President Street
Jackson, MS 39202
Jim Shepherd, President
601 352-4291
(Serving Louisiana and Mississippi)

■ **Southeastern Fabricare Association**

500 Sugar Mill Road
Suite 200-A
Atlanta, GA 30350
Joel Desech, Executive Director
770 998-9900
770 998-1441 fax
(Serving Alabama, Georgia, Florida, and South Carolina)
<http://www.sefa.org>

■ **Southwest Drycleaners Association**

1800 NE. Loop 410, Suite 308
San Antonio, TX 78210
Andrew Stanley Jr., CAE, Executive Director
210 826-4684
(Serving Arkansas, New Mexico, Oklahoma,
and Texas)
<http://207.222.206.166>

Public Interest Groups

- **Consumers Union**, publisher of *Consumer Reports*, is a nonprofit organization established to provide consumers with information and advice on goods, services, health, and personal finance, and to initiate and cooperate with individual and group efforts to maintain and enhance the quality of life for consumers.

101 Truman Avenue
Yonkers, NY 10703-1057
Barbara Warren
914 378-2000

- **Greenpeace**, a nonprofit research and advocacy organization, will issue a new report on garment care and the role of alternative technologies in the fall of 1997. The report, tentatively titled, *Out of Fashion: Transition to a Toxic-free Fabric Care Industry*, champions wet cleaning and looks ahead to innovations such as liquid carbon dioxide and other nontoxic cleaning methods.

847 West Jackson Boulevard, Seventh Floor
Chicago, IL 60607
Dave DeRosa
312 563-6060
312 563-6099 fax
<http://www.greenpeace.org/~usa/campaigns/toxics/wetclean.html>

- **Healthy Alternatives to Perc Project** provides Korean-American garment care professionals with accurate and timely information about new alternatives and technologies that could enhance business operations, as well as create healthy environments.

Korean Youth & Community Center
680 South Wilton Place
Los Angeles, CA 90005
Jenni Cho, Program Manager
213 365-7400, Ext. 144

Research and Technical Assistance Organizations

- **CAMP, Inc.** (formerly Cleveland Advanced Manufacturing Program), a nonprofit organization based in the Cleveland, Ohio area, has a 2-year plan to reduce the release of perc in the Great Lakes Basin. With help from the Center for Neighborhood Technology, CAMP provides resources to assist garment care professionals interested in wet cleaning as an alternative to using perc.

18554 Haskins Road
Chagrin Falls, OH 44023
Joseph Chadbourne
440 543-7303
440 543-7160 fax

- **Center for Emissions Control** is a chemical industry-funded clearinghouse that distributes information on technologies for controlling the release of chlorinated solvents (as used by the garment care industry) into the environment. A booklet called *The Safe Handling of Perchloroethylene Drycleaning Solvent* can be ordered free of charge.

2001 L Street, NW.
Suite 506A
Washington, DC 20036
Steve Risotto
800 835-5520 or 202 785-4374
202 833-0381 fax
<http://www.cec-dc.org>

- **Center for Neighborhood Technology (CNT)**, a nonprofit, educational and technical support organization, is a stakeholder in the DfE Garment and Textile Care Program. CNT has developed a report on a wet cleaning demonstration shop, the Greener Cleaner, that includes financial and performance data. A promotional video on wet cleaning called *Wet Cleaning: the Wave of the Future* is also available.

2125 West North Avenue
Chicago, IL 60647
Sylvia Ewing Hoover
773 278-4800, Ext. 129
773 278-3840 fax
http://www.cnt.org/sus_man/wet_cln.html

- **Cuyahoga Community College FabriCare Technology Center**, opening Fall 1997, will be a comprehensive source of technology transfer, training, and information for the garment care industry. The center will provide services and support in both traditional and emerging technologies. As the center develops, it will provide outreach at both the state and national levels.

The Small Business Environmental Assistance Center
Cuyahoga Community College
2415 Woodland Avenue
Cleveland, OH 44115
Sharon Fain
216 987-3060

- **Ecology Action** is a private, nonprofit organization working with businesses and local governments to reduce hazardous and solid waste and conserve material resources. In 1997, the group started the Safer Technologies in Fabric Care Program to assist garment cleaners in exploring new technologies. As part of this program, Ecology Action is hosting seminars covering wet cleaning equipment operation, cleaning techniques, marketing approaches, and financial incentive programs.

P.O. Box 1188
Santa Cruz, CA 95061
Mahlon Aldridge
408 426-5925, Ext. 16
<http://gate.cruzio.com/~ecoact>

- **Tellus Institute** is a research organization that publishes reports on a variety of environmental issues such as Clean Air Act compliance and environmental cost accounting for businesses. Tellus Institute is a stakeholder in the DfE Garment and Textile Care Project, and has developed a *Pollution Prevention/Waste Minimization* manual for garment care professionals.

11 Arlington Street
Boston, MA 02116-3411
Dr. Deborah Savage
617 266-5400
617 266-8303 fax
<http://www.tellus.org>

- **Toxics Use Reduction Institute (TURI)**, a research, education, policy, and technical support organization, has developed a curriculum and related workshops to train garment care professionals to reduce their use of solvents. The curriculum focuses on alternative cleaning technologies, particularly wet cleaning, and includes sections on economics, worker health and safety, and liability issues. As part of its Cleaner Technology Demonstration Sites Program, TURI also has developed an in-depth analysis of the technology demonstrated in 1996 at Utopia Cleaners in Arlington, Massachusetts. This report documents Utopia's experience with a small wet cleaning machine, including the challenges faced by the cleaner, and how it overcame them.

University of Massachusetts—Lowell
1 University Avenue
Lowell, MA 01854-2851
Jodie Siegel
508 934-3275
508 934-3050 fax
<http://www.turi.org>

- **Wisconsin Fabricare Institute** developed the Wisconsin Certified Environmental Drycleaners exam. Developed in partnership with the Wisconsin Department of Natural Resources, this program is designed to help cleaners use perc more efficiently, comply with regulations, and pass tests on cleaning and the environment. As part of their 5 Star program, a cleaner must do 30 percent wet cleaning to attain 5 Stars and 25 percent wet cleaning to attain 4 Stars.

9910 West Layton Avenue
Greenfield, WI 53228
Joe Phillips
414 529-4707
414 529 4722 fax



University and College Programs

- **Alternatives to Reduce Indoor Air Emissions From Perchloroethylene Dry Cleaning and Dry Cleaned Fabrics** is a cooperative project between North Carolina State University, Texas Woman's University, and Midwest Research Institute to evaluate new garment cleaning technologies with respect to physical, cleaning, and environmental effects. Each technology will be tested against standard perc cleaning, as well as against each other, to determine which methods have the most promising results.

North Carolina State University
College of Textiles
Box 8301
Raleigh, NC 27695-8301
Dr. Perry Grady, Associate Dean
919 515-6651
919 515-3057 fax

- **Cuyahoga Community College FabriCare Technology Center** (see p. 11 for description)

The Small Business Environmental
Assistance Center
Cuyahoga Community College
2415 Woodland Avenue
Cleveland, OH 44115
Sharon Fain
216 987-3060

- **Texas Research Center for Laundry and Dry Cleaning**, at Texas Woman's University, provides a facility for educational programs, research, and training in laundering and garment care technology. In addition, applied research relating to cleaning technology with consideration for environmental and quality concerns in the laundry and garment care industry is conducted there.

Texas Woman's University
P.O. Box 425529
Denton, TX 76204
Charles Riggs
817 898-2670

- **Toxics Use Reduction Institute** (see p. 11 for description)

University of Massachusetts—Lowell
1 University Avenue
Lowell, MA 01854-2851
Jodie Siegel
508 934-3275
508 934-3050 fax
<http://www.turi.org>

- **University of California, Los Angeles (UCLA), Pollution Prevention Education and Research Center Wet Cleaning Demonstration Project** is a 12-month evaluation and demonstration of a fully operational, privately owned wet cleaning facility called Cleaner by Nature. The intent of this study is to assess whether wet cleaning can serve as an alternative to dry cleaning based on data gathered at the demonstration site.

Pollution Prevention Education and
Research Center
UCLA
3250 Public Policy Building
Los Angeles, CA 90095-1656
Jessica Goodheart, Project Manager
310 206-4450
310 825-1575 fax

Labor Unions

- **United Needleworkers and Industrial Textile Employees**

275 Seventh Avenue
Sixth Floor
New York, NY 10001
Eric Frumin
212 691-1691
212 807-0874 fax

- **Textile Care Allied Trades Association**

200 Broadacres Drive
Bloomfield, NJ 07003
David Cotter, Executive Director
201 338-7700
201 338-8211 fax

Other Nongovernment Resources

- **Fabricare Legislative and Regulatory Education (FLARE)** is a grassroots organization composed of volunteers from within the garment care industry. FLARE's mission is to foster an environment in which the garment care industry can prosper. The organization seeks to accomplish this by providing a communications channel for the industry to facilitate discussion and education among industry members, regulators, legislators, and the general public on issues pertaining to the industry.

P.O. Box 5157
Naperville, IL 60567-5157
James Mayberry
708 416-6221
708 416-4150 fax

- **Professional Wet Cleaning Partnership** is a cooperative partnership dedicated to encouraging the development and demonstration of professional wet cleaning methods, and to helping cleaners survive and prosper in the face of heightened regulatory pressures. Participating organizations include:

- International Fabricare Institute
- Greenpeace
- Neighborhood Cleaners Association-International
- Center for Neighborhood Technology
- Fabricare Legislative and Regulatory Education Council
- Massachusetts Toxics Use Reduction Institute
- Federation of Korean Drycleaning Associations
- Union of Needletrades, Industrial & Textile Employees
- University of California, Los Angeles

c/o Sylvia Ewing Hoover
Center for Neighborhood Technology
773 278-4800, Ext. 129 or
William Fisher
International Fabricare Institute
301 622-1900

Other Internet Resources

In addition to EPA information on garment care, the Internet houses information on an abundance of relevant organizations, articles, and fact sheets, including:

- **The Center for Neighborhood Technology**, a nonprofit educational and technical assistance organization, has a homepage that is an excellent source of news about alternative garment care options, with a focus on wet cleaning. The site also offers a list of resources that can be requested by e-mail.
http://www.cnt.org/sus_man/wet_cln.html

- **The Corner Cleaner Page**, "A World Wide Web Resource for Drycleaners," is an essential site for Web-browsing garment care professionals. This homepage offers a wide range of current resources, such as Clean Air Act rules and other regulatory information, articles on recent developments in the industry, and links to other garment care related sites.
<http://www.pond.com/~hhorning/Cleaners.html>

- **Dateline/Calendar Pages** chronicle upcoming events in the garment care industry.
<http://www.pond.com/~hhorning/events/dateline.html>

- **The Florida Department of Environmental Protection, Division of Waste Management** has a homepage dealing directly with its Drycleaning Solvent Cleanup Program, which gives information on how to obtain an application form and a site screening form for your garment care facility.
<http://www.dep.state.fl.us/waste/programs/dryclean/index.htm>

- **The Ohio State University Extension Page** offers a fact sheet on rayon. This site also gives in-depth information on the qualities, types, and ways to clean rayon.
<http://www.ag.ohio-state.edu/~ohioline/hyg-fact/5000/5538.html>

Periodical Publications

American Drycleaner

500 North Dearborn Street
Chicago, IL 60610-4901
Earl V. Fischer, Editor
312 337-7700

Drycleaners News

70 Edwin Avenue
P.O. Box 2180
Waterbury, CT 06722-2180
Dave Johnston, Editor
203 755-0158

Korean Drycleaners Monthly

P.O. Box 318
Fort Lee, NJ 07024
John Chung, Editor
201 585-7299

Korean Drycleaners Times

145 Madison Avenue, Sixth Floor
New York, NY 10016
J.C. Choe, Publisher
212 545-1815

National Clothesline

801 Easton Road
P.O. Box 340
Willow Grove, PA 19090-0340
Hal Horning, Editor
215 830-8467

Western Cleaner and Launderer

100 North Hill Avenue
Suite C
Pasadena, CA 91160
Dorothy Ballard, Liz Church, and Joan Reid,
Editors
818 793-2911

Wet Cleaning Update

Center for Neighborhood Technology
2125 West North Avenue
Chicago, IL 60647
Anthony Star, Associate Editor
312 278-4800, Ext. 299
http://www.cnt.org/sus_man/wet_cln.html

EPA Regional Offices

EPA's 10 regional offices work closely with state and local governments, as well as with EPA headquarters. Listed below are contacts within EPA's regional offices that can answer questions about garment care regulatory compliance, management of garment care solvents, and pollution prevention options (where noted).

Region 1 [Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont]

JFK Federal Building
1 Congress Street
Boston, MA 02203-2211

Doug Koopman, Compliance
617 565-3252
E-mail: koopman.doug@epamail.epa.gov

Region 2 [New Jersey, New York, Puerto Rico, Virgin Islands]

290 Broadway
New York, NY 10007-1866

Diane Buxbaum, Compliance
212 637-3919
E-mail: buxbaum.diane@epamail.epa.gov

Venkata Rao, Compliance
212 637-4053
E-mail: rao.venkata@epamail.epa.gov

Edward Linky, Pollution Prevention
212 637-3764

Region 3 [Delaware, District of Columbia, Maryland, Pennsylvania, Virginia, West Virginia]

841 Chestnut Building
Philadelphia, PA 19107

James C. Kenney, Compliance
215 566-2152
E-mail: kenney.james@epamail.epa.gov

David Byro, Pollution Prevention
800 228-8711 (Business Assistance Center)
E-mail: byro.david@epamail.epa.gov

Region 4 [Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee]

61 Forsyth Street, SW.
Atlanta, GA 30303-3415

Rosalyn Hughes, Compliance
404 562-9206
E-mail: hughes.rosalyn@epamail.epa.gov

Dan Ahern, Pollution Prevention
404 562-9028
E-mail: ahern.dan@epamail.epa.gov

Region 5 [Illinois, Indiana, Michigan, Minnesota, Ohio, Wisconsin]

77 West Jackson Boulevard
Chicago, IL 60604-3507

John Kelly, Compliance
312 886-4882
E-mail: kelly.johnj@epamail.epa.gov

Phil Kaplan, Pollution Prevention
312 353-4669
E-mail: kaplan.phil@epamail.epa.gov

Region 6 [Arkansas, Louisiana, New Mexico, Oklahoma, Texas]

1445 Ross Avenue
Dallas, TX 75202-2733

Mary K. Marusak, Compliance
214 665-7598
E-mail: marusak.mary@epamail.epa.gov

Region 7 [Iowa, Kansas, Missouri, Nebraska]

726 Minnesota Avenue
Kansas City, KS 66101

Alma Moreno-Lahm, Compliance
913 551-7380
E-mail: moreno-lahm.alma@epamail.epa.gov

Gary Schlicht, Compliance
913 551-7097
E-mail: schlicht.gary@epamail.epa.gov

Ron Stone, Pollution Prevention
913 551-7158
E-mail: stone.ronald@epamail.epa.gov

Region 8 [Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming]

999 18th Street
Denver Place, Suite 500
Denver, CO 80202-2045

Scott Whitmore, Compliance
303 312-6317
E-mail: whitmore.scott@epamail.epa.gov

Jack Hidingier, Pollution Prevention
303 312-6387
E-mail: hidingier.jack@epamail.epa.gov

Region 9 [Arizona, California, Hawaii, Nevada, American Samoa, Guam]

75 Hawthorne Street
San Francisco, CA 94105

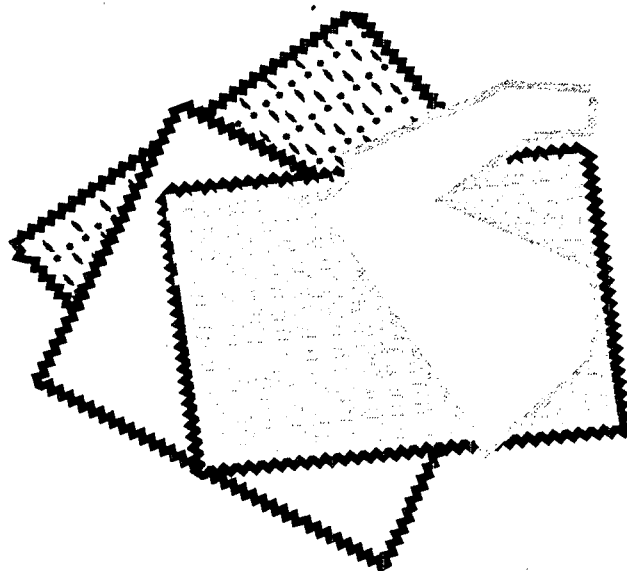
Angela Baranco, Compliance
415 744-1196
E-mail: baranco.angela@epamail.epa.gov

Leif Magnuson, Pollution Prevention
415 744-2153
E-mail: magnuson.leif@epamail.epa.gov

Region 10 [Alaska, Idaho, Oregon, Washington]

1200 Sixth Avenue
Seattle, WA 98101

Andrea Longhouse, Compliance
206 553-8760
E-mail: longhouse.andrea@epamail.epa.gov





United States Environmental Protection Agency
401 M Street, SW. (7406)
Washington, DC 20460

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